

AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended) An electrically powered animal trap, ~~which comprises~~ comprising:

- a set of electrodes for electrocution of an animal, and
- ~~means~~ a device for communicating a surveillance signal between the trap and an external surveillance unit,

wherein the trap defines a chamber between an entrance and an end section, the end section supports arrangement of a bait in form of a scent source, a number of electrodes being at least three and the electrodes being arranged sequentially in the chamber, a first electrode being connected to a second electrode while a third electrode being electrically isolated from the first and second electrodes, the electrocuting being obtained by generating a high-voltage difference between the first and third electrodes, and a surface of the electrodes being rough.

2. (Currently Amended) [A] The trap according to claim 1, further comprising:

- a bottom with an upwardly extending sidewall, and
- a top section,
- ~~—at least one entrance, and~~
- ~~—an exit.~~

3. (Canceled)

4. (Canceled)

5. (Currently Amended) [A] The trap according to claim 1, further comprising ~~means~~ a device for lifting up the trap.

6. (Currently Amended) [A] The trap according to claim 5, wherein the ~~means~~ device for lifting ~~comprises~~ includes at least one leg.
7. (Currently Amended) [A] The trap according to claim 6, wherein the at least one leg is adjustable in length.
8. (Currently Amended) [A] The trap according to claim 7, wherein the adjustment of the length is actuated by pressurized gas.
9. (Currently Amended) [A] The trap according claim 6, wherein the legs are telescopic legs.
10. (Currently Amended) [A] The trap according to claim 1, further comprising a receptacle for storing the electrocuted animals.
11. (Currently Amended) [A] The trap according to claim 10, wherein the receptacle and the trap is sealed.
12. (Currently Amended) [A] The trap according to ~~any of the preceding claims~~ claim 1, further comprising an electronic circuit including at least one micro processor, wherein the electronic circuit is adapted to generate the high-voltage potential from a low voltage power source upon detection of an animal.
13. (Currently Amended) [A] The trap according to claim 12, wherein the animal is detected by an electronic detector connected to the electronic circuit.
14. (Currently Amended) [A] The trap according to claim 13, wherein the electronic detector is adapted to detect motion of an animal.
15. (Currently Amended) [A] The trap according to claim 13, wherein the electronic

detector is adapted to detect weight of an animal.

16. (Currently Amended) [A] The trap according to claim 12, wherein the high-voltage potential is generated in pulses.

17. (Currently Amended) [A] The trap according to claim 16, wherein the pulses are in the form of a sinusoidal wave, a step pulse, or a series of pulses.

18. (Canceled)

19. (Canceled)

20. (Currently Amended) [A] The trap according to claim [19] 1, wherein the roughness of the surface is provided by adhering metal shavings to a metal plate.

21. (Canceled)

22. (Canceled)

23. (Currently Amended) [A] The trap according to claim 12, wherein the power source for generating the high-voltage difference is a low voltage, high capacity DC-battery.

24. (Currently Amended) [A] The trap according to claim [22] 1, wherein the high-voltage potential is generated upon detection of a leak current through the animal between the first and second electrode.

25. (Currently Amended) [A] The trap according to claim 1, further comprising a lever arm for detecting the presence of an animal.

26. (Currently Amended) [A] The trap according to claim 25, where the high-voltage potential is generated when an animal moves the lever arm.

27. (Currently Amended) [A] The trap according to claim 1, further comprising an entrance ramp.

28. (Currently Amended) [A] The trap according to claim 27, wherein the ramp is made from a material selected from the group consisting of: wood, plastic, stainless steel and nickel.

29. (Currently Amended) [A] The A trap according to claim 1, further comprising a mount at the entrance such that an additional section can be mounted in front of the entrance.

30. (Currently Amended) [A] The trap according to claim 29, wherein the mount section comprises an entrance tube.

31. (Currently Amended) [A] The trap according to claim 30, wherein the tube has at least one bent.

32. (Currently Amended) [A] The trap according to claim 30, wherein said tube possesses one of the following shapes: an s-form, an elbow, and a zigzag.

33. (Currently Amended) [A] The trap according to claim 1, further comprising a power adapter that allows direct connection to an existing power network.

34. (Currently Amended) [A] The trap according to claim 33, wherein the power adapter is compatible with an input voltage with an AC-amplitude between about 110 to 380 V.

35. (Currently Amended) [A] The trap according to claim 12, further comprising a battery charger.

36. (Currently Amended) [A] The trap according to claim 1, wherein the ~~exit~~ end section is operated automatically upon electrocution of an animal.
37. (Currently Amended) [A] The trap according to claim 36, wherein the ~~exit~~ end section is actuated either electrically, hydraulically, pneumatically, mechanically or by any combination of these.
38. (Currently Amended) [A] The trap according to claim 1, wherein the ~~exit~~ end section is a trapdoor.
39. (Currently Amended) [A] The trap according to claim 1, wherein the electrodes are shielded from water flooding from above.
40. (Currently Amended) [A] The trap according to claim 1, wherein the electronic circuit is embedded in a waterproof housing.
41. (Currently Amended) [A] The trap according to claim 1, further comprising a water-level detector adapted to ~~send~~ sent out an electronic signal, ~~in the case when~~ water is detected in a level above a predetermined level, and wherein the electronic circuit is adapted to react in response to an electronic signal from the water level detector by disabling the generation of the high-voltage.
42. (Currently Amended) [A] The trap according to claim 12, wherein the electronic circuit stores an identification code for the trap.
43. (Currently Amended) [A] The trap according to claim 1, wherein the ~~means~~ device for communicating a surveillance signal comprises ~~means~~ a device for transmitting a wireless signal to an external unit provided with a receiver for receiving such a surveillance signal.
- 44.-55 (Canceled)

56. (New) The trap according to claim 1, further comprising a receiving unit for receiving a command signal from the external unit.
57. (New) The trap according to claim 43, wherein the wireless signal is an electromagnetic signal.
58. (New) The trap according to claim 1, wherein the surveillance signal is only sent out upon receiving a request signal.
59. (New) The trap according to claim 57, wherein the electromagnetic signal is a radio-signal.
60. (New) The trap according to claim 57, wherein a frequency of the electromagnetic signal is in the range of about 2.2 to 2.8 GHz.
61. (New) The trap according to claim 1, further comprising a device for determining a geographical position of the trap.
62. (New) The trap according to claim 1, wherein the surveillance signal contains information about at least one of the following particulars:
- a number of captured animal,
 - a condition of the battery,
 - a remains of the bait, the position of the trap, and/or
 - an identification code for the trap.
63. (New) The trap according to claim 2, wherein a size of the entrance is adjustable.
64. (New) The trap according to claim 63, wherein the size of the entrance is adjustable via the communication means.
65. (New) A trap system, comprising:

- at least one trap according to claim 1, and
- at least one external unit including:
 - a communication device for receiving a surveillance signal from the trap and optionally, for transmitting a command signal to the trap, and
 - a computer processing device adapted to response to commands provided from a computer software to read the status of either a single trap or an ensemble of traps.

66. (New) A method for electrocuting an animal, comprising:

- detecting an animal
- updating an information storage with information relating to a total number of electrocutions, and
- transmitting a surveillance signal to an external unit, the surveillance signal including the information relating to the total number of electrocutions.

67. (New) A method where an electrocuting trap comprises a water-level detector adapted to send out an electronic signal, when the water level rises above a predetermined level, and wherein an electronic circuit for electrocution is adapted to react in response to an electronic signal from the water level detector by disabling the generation of the high-voltage.